Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date.....2020

No: **1st & Final Bill**

Division **Project** Sub-Division **Project**

Bill Received No Dated Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Work Code: 005-20-000031

Schedule Docket No Head of Account **P3568 Special Development Works** Est.Cost **300.00 Lacs**

Name of Work **Improvements of parks and Providing Children play equipments in Telecom Layout Surrounding in Ward No:05**

Name of Contractor and Full Address **Sri.K.Lakshminarayana reddy**

Reference to Agreement No **23 2019-20** Date: **03-06-2020**

Certified that the measurements were taken by me on 07/05/2020 and recorded of Pages 135 Bks to 52 of measurement Book No 29/2017-18 and that the work is satisfactorily executed.

K Reddy.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 07.05.2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Project Division
Yelahanka
BBMP, Bangalore - 92

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs.....
3) Balance
4) Deduct Payment
   a) Amount of previous payment as in the Office Cash Book Voucher

No	Dated	S.D. No.	Amount adjusted

towards cash advance recovery of

   b) Payments } cost store or other material supplied.
   Now made } recovery of amount creditable to this/other work
   Amount paid on this bill Cheque Cash

5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office cash Book Voucher No .....
   dated less adjustments
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within
9) Value of Government materials supplied

Total amount adjusted -

Contractor's Signature

Received Rs ..... (in words) .....

.....

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Audited & Admitted for Rs.....

.....

.....

by Cheque

and Rs. ..... by Adjustment

Witness
1
2

K Reddy.

Dated Signature of Contractor

Paid by me by Cheque No ..... Dated.....

Cash Rs .....

Dated .....

Initials of Officer making payment

Stamp

Executive Engineer

Accts. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P

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Improvements of parks and providing children play ward N

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Tender Item no	Particulars	Unit	Qty
1	KSRRB M300-1 Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH / Chapter 3 with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer in charge of the work	Cum	626.57
2	KSRRB M2100-10 Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs with crushed 40mm and down size graded granite metal coarse aggregates @ 0.81cum and fine aggregates @ 0.46cum in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days including cost of all materials labour HOM curing form works scaffolding and centering complete as per specifications MORTH Specification No 2100 with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer in charge of the work	Cum	69.28
3	KSRRB M2200-5 b Providing and laying Design mix M20 with OPC @ 320kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum with superplasticiser @ 3lts confirming to IS9103-1999 Reaffirmed 2008 including cost of materials labour HOM curing form works scaffolding and centering complete as per specifications - b) Upto 5 m height with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Cum	12.38
4	KSRRB 4.1.6 Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs with 20mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.45cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation, plinth and cills including cost of all materials labour HOM of machinery curing complete as per specifications Specification No KBS 4.1.4.2 with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Cum	8.75
5	KSRRB M400-19 Construction of Median and island above road level with approved material deposited from borrowpits spread sloped and compacted as per Clause 400.7 complete as per specifications MORTH Specification No 407with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer in charge of the work	cum	462.78
6	KSRRB M400-17 Providing laying spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in sub/base/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No 406 etc with all lead and lifts and as per directions of the Engineer-in-chargewith all lead and lift loading and unloading and allother incidental chargers etc complete as per specification and direction of the engineer in-charge of the work	cum	115.68

HANAGARA PALIKE

equipment's in Telecom Layout surrounding in o-5

al Bill

As per Shedule -B		Present measurements			Total up-to date	
Rate	Amount	Qty	Rate	Amount	Qty	Amount
221.11	138540.89	626.57	221.11	138540.89 138540.89	626.57	138540.89
5660.46	392156.67	68.55	5660.46	388021.35 388024.53	68.55	388021.35
5724.65	70871.17	12.02	5724.65	68833.19 68810.29	12.02	68833.19
6113.41	53492.34	8.68	6113.41	53039.95 53064.40	8.68	53039.95
231.29	107036.39	457.79	231.29	105882.25	457.79	105882.25
2089.34	241694.85	115.15	2089.34	240581.76 240587.50	115.15	240581.76

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
7	Providing and laying fixing cement base precast pre polished cement concrete designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1 3 mis finished with flush pointing using white cement including cost of materials including cutting grinding the edge to half/full round wherever required labour curing complete as per specification with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Sqm	600.00	1363 38	818028 00	597 74	1363 38	814941 65 814946.76	597 74	814941 65 814941 65
8	KSRB 14 6-1 Providing & laying heavy duty cobble stones 60mm thick interlock pavers using cement & course sand for manufacture of blocks of approved size shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level including cost of materials labour and HOM of machineries complete as per specifications Specification No KBS with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work (Available Cobble stones)	Sqm	270 00	601.22	162329 40	264 45	601 22	158990 22 158992.63	264 45	158990.22 158992.63
9	KSRB 14 6-1 Providing & laying heavy duty cobble stones 60mm thick interlock pavers using cement & course sand for manufacture of blocks of approved size shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level including cost of materials labour and HOM of machineries complete as per specifications Specification No KBS with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Sqm	1060.50	1165.29	1235790 05	1057 78	1165.29	1232625.12 1232620.04	1057 78	1232625.12 1232620.04
10	KSRRB 2 6 Providing and filling Sand in trenches to required depth including watering ramming with all leads and lift complete as per specification and as directed by Engineer-in-chargewith all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Cum	202 50	2279 68	461635.20	199 42	2279 68	454614 07 454613.79	199 42	454614 07 454613.79
11	Providing and fixing pre cast solid cement concrete kerb stones made out of C C 1 2 4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1 3 plastering and finishing cutting including form work curing, including cost of all materials labour hire charges of machinery loading unloading lead and lift transportation etc complete with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	No	3401 00	451.51	1535585.51	3393.78	451.51	1532324.60 1532325.61	3393.78	1532324.60 1532325.61
12	KSRRB 600-1 Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces with materials labour complete as per specifications MORTH Chapter 8 with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Sqm	535 50	88.53	47407.82	534.52	88.53	47321 06	534.52	47321.06
13	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paintwith all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Sqm	210 00	791.25	166162.50	196.80	791.25	155718.00	196.80	155718.00

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
14	Providing and fixing M S Block pipe of 38mm dia. of heavy guage of 14 including removing the bends. cutting the pipe and fixing pipe in between the existing two verticle poles (M S. rectangular poles) and spot welding the chain link with M S block pipe including cost of all matenals wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc . complete including two coats of approved quality paint over one coat of shop paint with all lead and lift loading and unloading and allother incidental charges etc . complete as per specification and direction of the engineer-in-charge of the work	m	200.00	451.51	90302.00	196.80	451.51	88857.17	196.80	88857.17
15	Supplying and fixing M S Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M S hold fast rods each of length 25 cms Including cost of all matenals cutting, bending scaffolding wherever necessary nicely finishing the welded joints with all lead lifts and as per the directions of the Engineenn - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)with all lead and lift loading and unloading and allother incidental charges etc. complete as per specification and direction of the engineer-in-charge of the work	m	69.30	950.60	65876.58	69.30	950.60	65876.58	69.30	65876.58
16	Providing and fixing M S Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M S hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M S flats for honzontal member and at the top cast iron spikes are provided at alternate vertical members as◆ Shown in the drawing etc complete all the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc , complete The work includes cost of all matenals, labour charges for all items of work hire charges for welding cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc , complete as per specification with all lead and lift , loading and unloading and allother incidental charges etc . complete as per specification and direction of the engineer-in-charge of the work	Sqm	2.70	3333.20	8999.64	2.70	3333.20	8999.64	2.70	8999.64
17	KSRB 15-16.2 Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil grease dirt and other foreign matter, including cost of materials, tabour, complete as per specifications with all lead and lift , loading and unloading and allother incidental charges etc . complete as per specification and direction of the engineer-in-charge of the work	Sqm	2.70	105.13	283.85	2.70	105.13	283.85	2.70	283.85
18	Direction and Place Identification Signs with size morethan 0 9 sqm Size Board Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0 9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Sqm	30.00	7890.34	236710.20	30.00	7890.34	236710.20	30.00	236710.20

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
19	Supply & fixing of Pull Down Challenger All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630 GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nobel Great Wall Powder to the thickness of 80 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat and backrest is made from Rotomoulded LLDPE Bearings Maintenance free ball bearings Equipment which have sway and moving parts must have built in limitors that prevent unwanted and ecessive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 2570 MM x 840 MM x 2200 MM Capacity 2 persons with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer in charge of the work	Unit	5 00	309024 00	1545120 00	5 00	309024 00	1545120 00	5 00	1545120 00
20	Supply & fixing of Seated Chest Press All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630 GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nobel Great Wall Powder to the thickness of 80 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat and backrest is made from Rotomoulded LLDPE Bearings Maintenance-free ball bearings Equipment which have sway and moving parts must have built in limitors that prevent unwanted and ecessive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre-assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 1955 MM x 730 MM x 1955 MM Capacity 2 persons with all lead and lift , loading and unloading and allother incidental charges etc , complete as per specification and direction of the engineer-in-charge of the work	Unit	5 00	300150 00	1500750 00	5 00	300150 00	1500750 00	5 00	1500750 00

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
	Supply & fixing of Spin Weighted Rower. All products must tested and certified to meet EN 16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC or SGS. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are buffed as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel / Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO 9227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings. Maintenance free ball bearings. Equipment which have parts and moving parts must have built in limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN 16630 safety norms. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Size: L*W*H: 1390 MM x 805 MM x 1180 MM. Capacity: 1 person with at least and lift, loading and unloading and all other incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work.	Unit	5.00	215325.00	1076625.00	5.00	215325.00	1076625.00	5.00	1076625.00
	Supply & fixing of Rotor. All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC or SGS. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN 16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are buffed as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel / Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO 9227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings. Maintenance free ball bearings. Equipment which have parts and moving parts must have built in limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN 16630 safety norms. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Size: L*W*H: 910 MM x 690 MM x 1210 MM. Capacity: 1 person with at least and lift, loading and unloading and all other incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work.	Unit	5.00	117450.00	587250.00	5.00	117450.00	587250.00	5.00	587250.00

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
21	Supply & fixing of Steel Weighted Rower All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nobel Great Wall Powder to the thickness of 80 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat and backrest is made from Rotomoulded LLDPE Bearings Maintenance free ball bearings Equipment which have sway and moving parts must have built in limitors that prevent unwanted and excessive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre-assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 1390 MM x 605 MM x 1190 MM Capacity 1 person with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	5.00	215325.00	1076625.00	5.00	215325.00	1076625.00	5.00	1076625.00
22	Supply & fixing of Rider All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nobel Great Wall Powder to the thickness of 80 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat is made from Rotomoulded LLDPE Bearings Maintenance-free ball bearings Equipment which have sway and moving parts must have built in limitors that prevent unwanted and excessive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre-assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 910 MM x 665 MM x 1210 MM Capacity 1 person with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	5.00	117450.00	587250.00	5.00	117450.00	587250.00	5.00	587250.00

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
23	Supply & fixing of Bicycle All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified international Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 150 public park projects in India with EN16630 GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nobel Great Wall Powder to the thickness of 60 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat is made from Rotomoulded LLDPE Bearings Maintenance-free ball bearings Equipment which have sway and moving parts must have built in limitors that prevent unwanted and excessive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 1000 MM x 500MM x 1290MM Capacity 1 person with all read and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	5 00	163125 00	815625 00	5 00	163125 00	815625 00	5 00	815625 00
24	Supply & fixing of Arm & Pedal Bike All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified international Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 150 public park projects in India with EN16630 GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nobel Great Wall Powder to the thickness of 60 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat is made from Rotomoulded LLDPE Bearings Maintenance-free ball bearings Equipment which have sway and moving parts must have built in limitors that prevent unwanted and excessive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre-assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 830 MM x 500MM x 1450 MM Capacity 1 person with all read and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	5 00	221850 00	1109250 00	5 00	221850 00	1109250 00	5 00	1109250 00

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
23	Supply & fixing of Bicycle All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding paints prior to finishing All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat is made from Rotomoulded LLDPE Beannys Maintenance-free ball bearings Equipment which have sway and moving parts must have built in limitors that prevent unwanted and ecesssive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 1000 MM x 500MM x 1290MM Capacity 1 person with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	5.00	163125 00	815625 00	5 00	163125 00	815625 00	5 00	815625 00
24	Supply & fixing of Arm & Pedal Bike All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burrs Zinc Primer paint is applied at all the welding paints prior to finishing All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs The seat is made from Rotomoulded LLDPE Beannys Maintenance free ball beannys Equipment which have sway and moving parts must have built in limitors that prevent unwanted and ecesssive movement which can cause injuries The limitors must be in accordance with EN16630 safety norms Scope of delivery 1 completely pre-assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H) 830 MM x 500MM x 1450 MM Capacity 1 person with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	5.00	221850 00	1109250 00	5 00	221850 00	1109250 00	5 00	1109250 00

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up-to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
24	Supply & Fixing of Tai Chi Spinners. All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified international Certifying Body such as IPEMA, TUV SUD or DEKRA only. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630 GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scallioped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings: Maintenance-free ball bearings. Equipment which have sway and moving parts must have built in limitors that prevent unwanted and ecessive movement which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery: * completely pre-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Size: (H) 1.5 M x 1150 MM x 1120 MM x 1620 MM. Capacity 2 persons with all lead and lift loading and unloading and allother incidental charges etc. complete as per specification and direction of the engineer-in-charge of the work.	Unit	5.00	150075.00	750375.00	5.00	150075.00	750375.00	5.00	750375.00
25	Supply & Fixing of Big Shoulder Wheel. All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified international Certifying Body such as IPEMA, TUV SUD or DEKRA only. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630 GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scallioped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings: Maintenance-free ball bearings. Equipment which have sway and moving parts must have built in limitors that prevent unwanted and ecessive movement which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery: * completely pre-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Size: (H) 1.5 M x 1150MM x 1120MM x 1710MM. Capacity 2 persons with all lead and lift loading and unloading and allother incidental charges etc. complete as per specification and direction of the engineer-in-charge of the work.	Unit	5.00	156600.00	783000.00	5.00	156600.00	783000.00	5.00	783000.00

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Tender Item no	Particulars	Unit		As per Shedule -B		Present measurements			Total up-to date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
27	Supply & fixing of HD Double Health Walker. All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Beanngs: Maintenance-free ball beanngs. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 2015 MM x 615 MM x 1360 MM. Capacity 2 persons with all lead and lift. loading and unloading and allother incidental charges etc. complete as per specification and direction of the engineer-in-charge of the work	Unit	5.00	125280.00	626400.00	5.00	125280.00	626400.00	5.00	626400.00
28	Supply & fixing of HD Sit Up Station. All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Beanngs: Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecsssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1365 MM x 1335 MM x 700 MM. Capacity 2 persons with all lead and lift , loading and unloading and allother incidental charges etc. complete as per specification and direction of the engineer-in-charge of the work	Unit	5.00	163125.00	815625.00	5.00	163125.00	815625.00	5.00	815625.00

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Tender Item no	Particulars	Unit		As per Shedule -B		Present measurements			Total up-to date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
29	Supply & fixing of HD Squat Pushing All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630/GS certified products either by themselves or through their dealers or contractors These EN 16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies webs ites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burns Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nober Great Wall Powder to the thickness of 80 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7221 to speed up corrosion for 3000 hrs The seat and backrest is made from Rotomoulded LLDPE Bearings Maintenance free ball bearings Equipment which have swing and moving parts must have built in limitors that prevent unwanted and excessive movement which can cause injuries The limitors must be in accordance with EN 16630 safety norms Scope of delivery 1 completely pre-assembled equipment modules Maintenance Maintain according to EN 16630 and the maintenance guide Size (L*W * H) 2270 MM x 635 MM x 1640 MM Capacity 2 persons with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	5 00	280575 00	1402875 00	5 00	280575 00	1402875 00	5 00	1402875 00
30	Supply & fixing of HD Waist Twister All products must tested and certified to meet EN16630 safety standards with GS test mark The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA TUV CPSC or SGS only The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory All products must clearly display the GS mark as has been issued in the EN16630 safety certificates All Tubular steel of 2 5mm thickness are galvanized and zinc dipped Joints are Robotic Welded All welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges & burns Zinc Primer paint is applied at all the welding points prior to finishing All metal parts are powder coated using AKZO Nober Great Wall Powder to the thickness of 80 120 microns All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7221 to speed up corrosion for 3000 hrs Faceplates made of alloys of Nylon having good thermal stability Internal Limited means no bump stops or crush points Bearings Maintenance free ball bearings Scope of delivery 1 completely pre-assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide Size (L*W * H 1460 MM x 1310 MM x 1150 MM Capacity 3 persons with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	3 00	169650 00	508950 00	3 00	169650 00	508950 00	3 00	508950 00

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Tender Item no	Particulars	Unit	Qty	As per Shedule -B		Present measurements			Total up to date	
				Rate	Amount	Qty	Rate	Amount	Qty	Amount
31	Supply and fixing of childern Multi Play Equipment with curved slide and number panel Upright structural posts of height 2 4 m 2 7 m 3 3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2 2mm (wall) thickness of the tubing All metal components are to be finished with a baked on powder coat finish With deck of size 1 45 x 1 45m and Staircase of size 1 5m x 0 77 m are fabricated from 2mm perforated solid punched steel Deck penmeter is precision pre punched for attachments Decks are pressed punched and welded sand blasted and vinyl plastic coated to a thickness of 4mm Along with Handrail of height 2 2 m and Dia 32 mm shall be an all robotic welded unit fabricated from 32 O D galvanized steel pipes with a baked on powder coating finish Curved Slide of size 1 94 m x 1 85 m x 2 4 m Panels Toprails Of Monkey loop of size 1 8 m x 1 3 m Deck of size 1 45 x 1 45m are fabricated from 2mm perforated solid punched steel Deck penmeter is precision pre punched for attachments Decks are pressed punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm Roof of size Dia 2 m and height 0 82 m Spiral Slide of size 1 16 m x 1 6 m x 3 6 m Panels The rates are to be inclusive of supply and installation at site with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in charge of the work	Unit	1 00	4050180 25	4050180 25	1 00	4050180 25	4050180 25	1 00	4050180 25
32	Supply and fixing of childern Multi Play Equipment with curved slide and number panel Upright structural posts of height 2 4 m 2 7 m 3 3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2 2mm (wall) thickness of the tubing All metal components are to be finished with a baked on powder coat finish With deck of size 1 45 x 1 45m and Staircase of size 1 5m x 0 77 m are fabricated from 2mm perforated solid punched steel Deck penmeter is precision pre punched for attachments Decks are pressed punched and welded sand blasted and vinyl plastic coated to a thickness of 4mm Along with Handrail of height 2 2 m and Dia 32 mm shall be an all robotic welded unit fabricated from 32 O D galvanized steel pipes with a baked on powder coating finish Curved Slide of size 1 94 m x 1 85 m x 2 4 m. Panels Toprails Of Monkey loop of size 1 8 m x 1 3 m Deck of size 1 45 x 1 45m are fabricated from 2mm perforated solid punched steel Deck penmeter is precision pre punched for attachments Decks are pressed punched and welded sand blasted and vinyl plastic coated to a thickness of 4mm Roof of size Dia 2 m and height 0 82 m Spiral Slide of size 1 16 m x 1 6 m x 3 6 m Panels The rates are to be inclusive of supply and installation at site with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	3 00	2298151 98	6894455 94	3 00	2298151 98	6894455 94	3 00	6894455 94
33	Supply and fixing of childern Play Equipment Fiero A Swing Shaped structural posts of height 2 31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2 2mm (wall) thickness of the tubing Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 8mm The rates are to be inclusive of supply and installation at site with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	3 00	132475 25	397425 75	3 00	132475 25	397425 75	3 00	397425 75
34	Supply and fixing of childern Play Equipment Four Seater Seesaw SPECIFICATIONS The See Saw consists of 2 poles of Dia 114mm and thickness of 2 5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm It consists of 4 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm The rates are to be inclusive of supply and installation at site with all lead and lift, loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	Unit	3 00	111958 56	335875 68	3 00	111958 56	335875 68	3 00	335875 68

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Tender Item no	Particulars	Unit	Qty
35	Executive bench made out of sadarali grey stone with hand suport 3 line finishing with arch desaign with 100cm slabs height 90% length 45cms with all lead and lift loading and unloading and allother incidental charges etc complete as per specification and direction of the engineer-in-charge of the work	No	50.00
	GRAND - TOTAL		

Certificate

1 Certified that the above work done satisfactory and no materials issued from Department

Assistant Engineer
Project Divison. Yelahanka Zone

As per Shedule -B		Present measurements			Total up-to date	
Rate	Amount	Qty	Rate	Amount	Qty	Amount
19261.80	963090.00	50.00	19261.80	963090.00	50.00	963090.00
29995775.66				29955034.16		29955034.16
			GST 12% only for S.R Items(1 to 18)	695059.39		695059.39
			TOTAL	30650093.55		30650093.55

Assistant Executive Engineer
Project Divison. Yelahanka Zone

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